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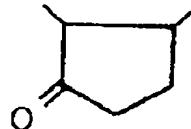
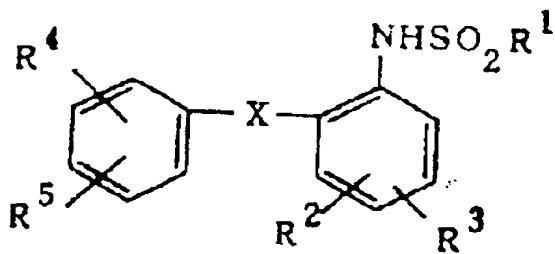
APPLICATION DATE : 12-09-90
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APPLICANT : FUJISAWA PHARMACEUT CO LTD;

INVENTOR : OYANAGI YOSHIHIKO;

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TITLE : PREVENTIVE AND TREATING AGENT
OF ISCHEMIA RE-PERFUSION
DISORDER



ABSTRACT : PURPOSE: To obtain a preventive and treating agent of ischemia re-perfusion disorder effective for preventing and treating myocardial infarction and arrhythmia after natural pantency caused by cardiac coronary occlusion, comprising a specific sulfonanilide compound and a salt as active ingredients.

CONSTITUTION: A preventive and treating agent for ischemia re-perfusion disorder comprising a compound shown by formula I (R² is lower alkyl; R² is lower alkanoyl, carbamoyl, cyano, etc.; R³ is H or R² and R³ together with C form ring shown by formula II; R⁴ and R⁵ are H or halogen; X is O or S) and a salt (e.g. lithium salt or sodium salt) as active ingredients. The compound shown by formula I is effectively used with an immunosuppressive agent in organ transplantation. A daily dose of the compound shown by formula I is 0.5-1,000mg, preferably 1-500mg usually by oral administration.

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